



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW109-3101-58-2-3

Job Sheet 173948



Part No: RBW109-3101-58-2-3

Job Qty: 6 ea

Part Name: Hammer Head



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/8/18

Job Tracking No:

Due Date: 4/14/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBW109-3101-58-2 Rev3 TEO17-641 IPP Rev A 17.12.12 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		4/13/18	0.00	0.00	Start Up Machining-4		SL 18-6-4
120	Mori Seiki	6 pcs		4/14/18	0.00	6.00	MORI SL-154		SL
130	QC	6 pcs		4/14/18	0.00	0.00	QC2 Machining-5		SL
140	QC	6 pcs		4/14/18	0.00	0.00	QC8 Machining-5		SL
145	QC	6 pcs		4/14/18	0.00	0.00	QC8 N14		DAS 38 18/06/07
150	Outsource	6 pcs		4/14/18			ATG001-VC	5 9-89	CT 18-6-11
160	Packaging	6 pcs		4/14/18	0.00	0.00	Packaging2		DAS 38
170	QC	6 pcs		4/14/18	0.00	0.00	QC6		38
180	Packaging	6 pcs		4/14/18	0.00	0.00	Packaging3 Large Fab		9-89
190	QC21-SA	6 Ea		4/14/18	0.00	0.00	QC21		DAS 21 JUN 26 2018

Part Op 120 - 1-Machine as per folio FB699 FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 150 - Issue P/O to ATG: PO040156 - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required
180 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R0.500	6061-T6 Round Bar .500"	.8460 ft (.141 ea)	90-Start up Operation	5025754 5076994

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6R0.500	1	48	0

Specifications

could not be found.



Container No: S077440

Part: RBW109-3101-58-2-3

Job No: 173948

Serial No/Batch: S077440

Revision: 3

Inspector:

Exp Date: 06/04/2018

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 3/8/18 8:17 AM Dart.lajeunesse.marie

Date: 06/04/18

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only

Work Order: _____		DISPOSITION				AGAINST DEPARTMENT/PROCESS															
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐				Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐				Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐				Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐				Engineering ☐ Quality ☐ Other ☐			
NCR No. _____		Suspected Unapproved ☐				QTY Effective: _____				Disposition				MRB (QSI042) Approval							
Date: _____		Step #: _____																			
Description Work Order Deviation																					
Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ Root Cause ☐ No Re-vent ☐ Operator ☐ Offset/Se ☐ Supplier ☐ Training ☐ Use for Te ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Un-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ OTHER: ☐																					

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CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
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Container No: S077440



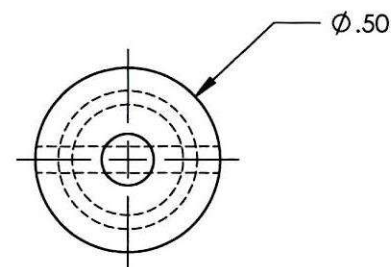
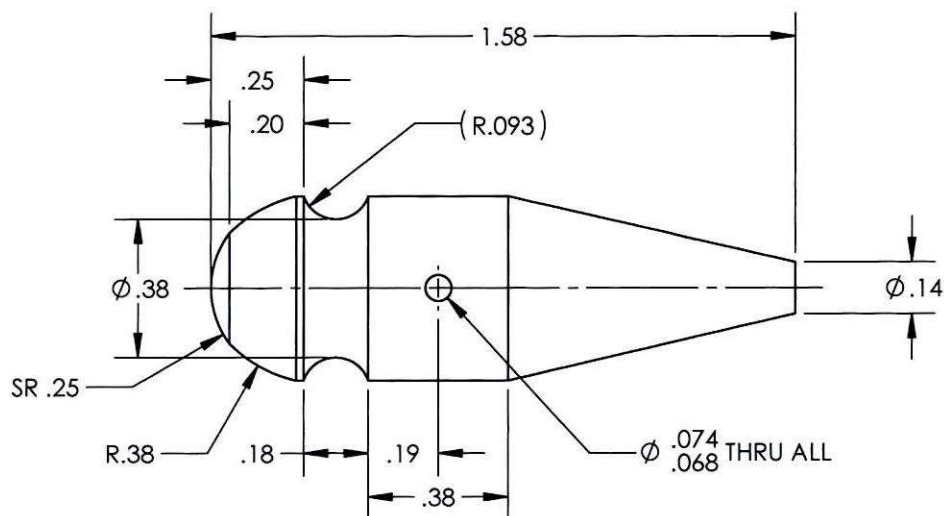
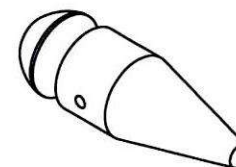
Part: RBW109-3101-58-2-3
Job No: 173948
Serial No/Batch: S077440
Revision: 3
Inspector:
Exp Date:
Instructions:

Date: 06/19/18

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

TEO ATTACHED



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RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 173446
20180501
✓

(-3)

HAMMER HEAD

DART AEROSPACE	
TITLE HAMMER, ALUMINUM, BLADE CORROSION AND VOIDS DETECTION	
DWG NO. RBW109-3101-58-2-3	REV 3
MATL 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW109/AW119
SCALE 2:1	DATE 3/12/2015 SHEET 3 OF 5

INSPECTION SHEET

Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	



Certificat de Conformité / Certificate of Compliance

(010247-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010247 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
15-Jun-2018		Aman		040156				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBW109-3101-58-2-3 Rev.	RBW109-3101-58-2-3 01 -ANO-CLEAR [ANODIZE CLEAR]	ANODIZE CH	10	10 ✓	0	0	0
4	RB877406-5-3 Rev.	RB877406-5-3 01 -ANO-BLACK [ANODIZE BLACK] TYPE 2 CLASS 2 MIL-8625F	ANODIZE CH	8	8 ✓	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040156**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040156
PO Date: 6/11/18
Due Date: 6/15/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	173948	RBW109-3101-58-2-3	Hammer Head -Issue P/O to Groupe Altech: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	6/15/18	10 pcs	0 pcs	10 pcs	\$12.00/pcs	\$120.00
2	173944	RBW109-3101-58-1-3	Hammer Head -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	Firmed	6/15/18	16 pcs	0 pcs	16 pcs	\$5.625/pcs	\$90.00
3	177271	RBW6305G11631-3G-01	Weldment -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required	Firmed	6/15/18	10 pcs	0 pcs	10 pcs	\$9.00/pcs	\$90.00
4	176996	RB877406-5-3	Handle -Issue P/O to GROUPE ALTECH; PO _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	6/15/18	8 pcs	0 pcs	8 pcs	\$15.00/pcs	\$120.00
Grand Total:										\$420.00

DAS
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9-89